

Listing of Claims

Claim 1 (original): An order optimization system, comprising:

a device, said device being capable of communicating with an establishment computer and transmitting an order to said establishment computer, said establishment computer having software enabled means for receiving said order, assigning resources to said order, and commanding the fulfillment of said order.

Claim 2 (withdrawn): The order optimization system according to claim 1, wherein said establishment computer is capable of communicating with a financial institution for electronically processing payments.

Claim 3 (withdrawn): The order optimization system according to claim 1, further comprising a third party computer, wherein said device communicates with said establishment computer through said third party computer.

Claim 4 (withdrawn): The order optimization system according to claim 3, wherein said third party computer is capable of communicating with a financial institution for electronically processing payments.

Claim 5 (original): The order optimization system according to claim 1, wherein said device communicates with said establishment computer via a network protocol.

Claim 6 (original): The order optimization system according to claim 5, wherein said network protocol is a wireless Ethernet network.

Claim 7 (original): The order optimization system according to claim 5, wherein said network protocol is a telephone network.

Claim 8 (original): The order optimization system according to claim 5, wherein said network protocol is an Internet connected network.

Claim 9 (original): The order optimization system according to claim 1, wherein said device is a kiosk comprising a computer, a display, and a means for receiving input.

Claim 10 (original): The order optimization system according to claim 1, wherein said device is a telephone.

Claim 11 (original): The order optimization system according to claim 10, wherein said telephone is a cellular telephone.

Claim 12 (original): The order optimization system according to claim 10, wherein said telephone communicates with said establishment computer via an interactive voice response system.

Claim 13 (original): The order optimization system according to claim 11, wherein said cellular telephone communicates with said establishment computer via an interactive voice response system.

Claim 14 (original): The order optimization system according to claim 1, wherein said device is a personal digital assistant.

Claim 15 (original): The order optimization system according to claim 1, wherein said device is a personal computer.

Claim 16 (withdrawn): The order optimization system according to claim 1, wherein said system comprises means for determining and transmitting information regarding the location of said device.

Claim 17 (withdrawn): The order optimization system according to claim 16, wherein said means for determining device location comprises a global positioning system.

Claim 18 (withdrawn): The order optimization system according to claim 16, wherein said means for determining device location comprises a satellite-based radio positioning system.

Claim 19 (withdrawn): The order optimization system according to claim 16, wherein said means for determining device location comprises cellular tower triangulation.

Claim 20 (withdrawn): The order optimization system according to claim 16, wherein said means for determining device location comprises reading the location of an RF ID tag associated with said device.

Claim 21 (withdrawn): The order optimization system according to claim 1, wherein said establishment computer further comprises software enabled means for commanding a notification message.

Claim 22 (original): The order optimization system according to claim 1, wherein said software enabled means for receiving said order comprises a telephony system, wherein said order is input via keypad selections.

Claim 23 (original): The order optimization system according to claim 1, wherein said software enabled means for receiving said order comprises a telephony system, wherein said order is input via audible communication.

Claim 24 (original): The order optimization system according to claim 22, wherein
said means for receiving said order comprises means for identifying the customer placing said order, and
said telephony system comprises a memory, and software enabled means for querying said memory for said customer's previous order history and order preferences.

Claim 25 (original): The order optimization system according to claim 24, wherein said means for identifying the customer placing said order comprises an inputted personal identification number.

Claim 26 (original): The order optimization system according to claim 24, wherein said means for identifying the customer placing said order comprises a means for identifying the telephone number being used to access said telephony system.

Claim 27 (original): The order optimization system according to claim 24, wherein said means for receiving said order further comprises software enabled means for offering said customer a preferred order.

Claim 28 (original): The order optimization system according to claim 24, wherein said means for receiving said order further comprises software enabled means for offering said customer a previously ordered order.

Claim 29 (original): The order optimization system according to claim 24, wherein said means for receiving said order further comprises software enabled means for offering said customer a predetermined order associated with said customer.

Claim 30 (original): The order optimization system according to claim 1, wherein said means for receiving said order comprises software enabled mean for displaying a series of hierarchal menus on a visual display.

Claim 31 (original): The order optimization system according to claim 1, wherein said means for assigning resources to said order comprises software enabled means for determining the availability of at least one limiting resource necessary to fulfill said order.

Claim 32 (original): The order optimization system according to claim 31, wherein said means for determining the availability of at least one limiting resource necessary to fulfill said order

comprises software enabled means for referring to a look-up table comprising information that associates different types of limiting resources with different types of orders.

Claim 33 (original): The order optimization system according to claim 31, wherein said means for assigning resources to said order comprises software enabled means for determining a set of components for said order, and software enabled means for determining the availability of at least one limiting resource necessary to fulfill each of said order components.

Claim 34 (original): The order optimization system according to claim 33, wherein said means for determining the availability of at least one limiting resource necessary to fulfill said order components comprises software enabled means for referring to a look-up table comprising information that associates different types of limiting resources with different order components.

Claim 35 (withdrawn): The order optimization system according to claim 32, wherein said means for assigning resources to said order further comprises software enabled means for matching an order, or component thereof, to a limiting resource.

Claim 36 (withdrawn): The order optimization system according to claim 35, wherein said means for matching an order, or component thereof, to a limiting resource comprises software enabled optimization rules.

Claim 37 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise assigning an available resource to an earliest placed order in a set of pending orders.

Claim 38 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise minimizing idle time for said limiting resources.

Claim 39 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise maximizing order throughput.

Claim 40 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise minimizing total customer wait time.

Claim 41 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise maximizing establishment employee utilization.

Claim 42 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise maximizing delivery driver utilization.

Claim 43 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise valuing time as a function of time.

Claim 44 (withdrawn): The order optimization system according to claim 36, wherein said optimization rules comprise optimizing service to customers having differing service levels.

Claim 45 (original): The order optimization system according to claim 1, wherein said means for commanding the fulfillment of said order comprises software enabled means for determining a starting time for preparing each order, or component thereof.

Claim 46 (original): The order optimization system according to claim 45, wherein said means for determining a starting time for preparing each order, or component thereof, comprises software enabled means for estimating an arrival time of a customer at an establishment and determining a starting time for preparing each order, or component thereof, such that order completion coincides with said customer's estimated arrival time.

Claim 47 (original): The order optimization system according to claim 45, wherein said means for determining a starting time for preparing each order, or component thereof, comprises software enabled means for estimating an arrival time of a delivery driver at an establishment and determining a starting time for preparing each order, or component thereof, such that order completion coincides with said delivery driver's estimated arrival time.

Claim 48 (original): The order optimization system according to claim 46, wherein said means for estimating an arrival time of said customer comprises tracking said customer's location.

Claim 49 (original): The order optimization system according to claim 48, wherein tracking said customer's location comprises tracking said customer's location, direction, and speed of travel.

Claim 50 (original): The order optimization system according to claim 47, wherein said means for estimating an arrival time of said delivery driver comprises tracking said driver's location.

Claim 51 (original): The order optimization system according to claim 50, wherein tracking said driver's location comprises tracking said driver's location, direction, and speed of travel.

Claim 52 (original): The order optimization system according to claim 46, wherein said means for estimating an arrival time of a customer comprises tracking a vehicle on or in which said customer is traveling.

Claim 53 (original): The order optimization system according to claim 52, wherein tracking a vehicle on or in which said customer is traveling comprises tracking said vehicle's location, direction, and speed of travel.

Claim 54 (original): The order optimization system according to claim 52, wherein said vehicle is an airplane and said means for estimating an arrival time of said customer comprises estimating a time spent deplaning and traveling from an arrival gate.

Claim 55 (original): The order optimization system according to claim 46, where said estimated arrival time is a limiting resource.

Claim 56 (original): The order optimization system according to claim 47, where said estimated arrival time is a limiting resource.

Claim 57 (original): The order optimization system according to claim 1, wherein said means for commanding the fulfillment of said order comprises software enabled means for determining whether a triggering condition is satisfied.

Claim 58 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a customer's arrival at a predetermined location.

Claim 59 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a delivery driver's arrival at a predetermined location.

Claim 60 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a delivery driver's proximity to a predetermined location.

Claim 61 (original): The order optimization system according to claim 57, wherein said means for commanding the fulfillment of said order comprises notifying a customer when a delivery driver is within a predetermined distance from a predetermined location.

Claim 62 (original): The order optimization system according to claim 57, wherein commanding the fulfillment of said order comprises changing an ON/OFF state of an electrical device.

Claim 63 (withdrawn): The order optimization system according to claim 1, wherein said system further comprises software enabled means for confirming the completion of said order.

Claim 64 (withdrawn): The order optimization system according to claim 63, wherein said means for confirming the completion of said order comprises means for receiving a confirmation notification from a device.

Claim 65 (withdrawn): The order optimization system according to claim 64, wherein said device is associated with a delivery driver.

Claim 66 (withdrawn): The order optimization system according to claim 65, wherein said device is a telephone.

Claim 67 (withdrawn): The order optimization system according to claim 65, wherein said device is a PDA.

Claim 68 (withdrawn): The order optimization system according to claim 65, wherein said device is to be located at an establishment fulfilling said order.

Claim 69 (withdrawn): The order optimization system according to claim 1, wherein said system further comprises software enabled means for sending a notification of a request to a device.

Claim 70 (withdrawn): The order optimization system according to claim 69, wherein said request is a request for confirmation of completion of said order.

Claim 71 (withdrawn): The order optimization system according to claim 70, wherein said device is associated with a delivery driver.

Claim 72 (withdrawn): The order optimization system according to claim 71, wherein said device is a telephone.

Claim 73 (withdrawn): The order optimization system according to claim 71, wherein said device is a PDA.

Claim 74 (withdrawn): The order optimization system according to claim 71, wherein said device is to be located at an establishment fulfilling said order.

Claim 75 (original): The order optimization system according to claim 1, wherein commanding the fulfillment of said order comprises sending a notification to a device of a delivery driver associated with said order.

Claim 76 (original): The order optimization system according to claim 1, wherein commanding fulfillment of said order comprises sending notification of an assigned, an un-assigned and a re-assigned order, to a delivery driver.

Claim 77 (original): The order optimization system according to claim 1, wherein commanding the fulfillment of said order comprises sending a customer a notification upon a delivery of said order.

Claim 78 (original): The order optimization system according to claim 57, wherein said triggering condition comprises the time remaining in a sporting event.

Claim 79 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a score in a sporting event.

Claim 80 (original): The order optimization system according to claim 57, wherein said triggering condition comprises an event in a sporting event.

Claim 81 (original): The order optimization system according to claim 57, wherein said triggering condition comprises completion of the preparation of all of the meals for a delivery driver's delivery run.

Claim 82 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a time remaining in a televised event.

Claim 83 (original): The order optimization system according to claim 57, wherein said triggering condition comprises a time remaining in a live event.

Claim 84 (original): The order optimization system according to claim 78, wherein said time remaining in a sporting event is determined from a plurality of game specific and historical game data.

Claim 85 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises a telephone call to a designated telephone number.

Claim 86 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises a telephone page to a designated pager.

Claim 87 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises an e-mail message to a designated e-mail address.

Claim 88 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises an instant message to a designated computer address.

Claim 89 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises a print out.

Claim 90 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises sounding an alarm on a personal digital assistant.

Claim 91 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises vibration on a personal digital assistant.

Claim 92 (withdrawn): The order optimization system according to claim 21, wherein said notification message comprises a visual display.

Claim 93 (withdrawn): The order optimization system according to claim 21, wherein said software enabled means for commanding a notification message comprises a notification database, wherein a specific notification means can be stored for a specific customer.

Claim 94 (withdrawn): The order optimization system according to claim 21, wherein said software enabled means for commanding a notification message comprises a notification

database, wherein a specific notification means can be stored for a specific establishment employee.

Claim 95 (withdrawn): The order optimization system according to claim 21, wherein said software enabled means for commanding a notification message comprises a notification database, wherein a specific notification means can be stored for establishment employees based on job function.

Claim 96 (withdrawn): The order optimization system according to claim 21, wherein said software enabled means for commanding a notification message comprises means for determining when a specific notification message should be sent.

Claim 97 (withdrawn): The order optimization system according to claim 21, wherein said software enabled means for commanding a notification message comprises means for determining a customer's distance from a specified location and commanding said notification message based on an expected travel time to said specified location.

Claim 98 (withdrawn): The order optimization system according to claim 1, further comprising software enabled means for limiting the usage of a limiting resource.

Claim 99 (withdrawn): The order optimization system according to claim 98, wherein said software enabled means for limiting the usage of a limiting resource comprises charging a customer for the use of said limiting resource.

Claim 100 (withdrawn): The order optimization system according to claim 99, wherein said customer is charged based on an amount of time said customer uses said limiting resource.

Claim 101 (withdrawn): The order optimization system according to claim 100, wherein said amount of time is determined from manual entry of a start time and a stop time.

Claim 102 (withdrawn): The order optimization system according to claim 100, wherein said amount of time is determined from sensors activated by the use of said limiting resource.

Claim 103 (withdrawn): The order optimization system according to claim 100, further comprising means for displaying said amount of time to said customer.

Claim 104 (withdrawn): The order optimization system according to claim 100, further comprising means for electronically preparing said customer's bill.

Claim 105 (withdrawn): The order optimization system according to claim 1, further comprising means for tracking implements used to prepare said order.

Claim 106 (withdrawn): The order optimization system according to claim 105, wherein said means for tracking implements used to prepare said order comprises:

- means for establishing a unique identifier for each implement,
- means for reading said unique identifiers, and
- means for associating an implement with said order.

Claim 107 (withdrawn): The order optimization system according to claim 106, wherein said means for establishing a unique identifier for each implement, means for reading said unique identifiers, and means for associating an implement with said order comprises RF ID tags and RF ID detectors.

Claim 108 (withdrawn): The order optimization system according to claim 106, wherein said means for establishing a unique identifier for each implement, means for reading said unique identifiers, and means for associating an implement with said order comprises Bluetooth transmitters and receivers.

Claim 109 (withdrawn): The order optimization system according to claim 106, wherein said means for establishing a unique identifier for each implement, means for reading said unique

identifiers, and means for associating an implement with said order comprises wireless Ethernet transmitters and receivers.

Claim 110 (withdrawn): The order optimization system according to claim 106, wherein said means for tracking implements used to prepare said order further comprises software enabled means for evaluating the order fulfillment process.

Claim 111 (withdrawn): The order optimization system according to claim 106, wherein said means for tracking implements used to prepare said order further comprises means to track a customer's use of said implements.

Claim 112 (withdrawn): The order optimization system according to claim 106, wherein said means for tracking implements used to prepare said order further comprises means for displaying an order fulfillment status.

Claim 113 (withdrawn): The order optimization system according to claim 112, wherein said means for tracking implements used to prepare said order further comprises:

- means for displaying available order change options, and
- means for allowing said customer to change said order.

Claim 114 (withdrawn): The order optimization system according to claim 1, wherein said order is intended for delivery to a customer, said system further comprising:

- means for tracking the location of at least one delivery person,
- means for predicting when a delivery person will be available to pick up said order, and
- means for assigning said order to a delivery person.

Claim 115 (withdrawn): The order optimization system according to claim 114, wherein said system further comprises means for scheduling completion of said order to coincide with a delivery person's availability.

Claim 116 (withdrawn): The order optimization system according to claim 114, wherein said system further comprises means for notifying said delivery person of assignments.

Claim 117 (withdrawn): The order optimization system according to claim 116, wherein said system further comprises means for notifying said delivery person of delivery instructions.

Claim 118 (withdrawn): The order optimization system according to claim 114, wherein system further comprises means for monitoring the safety of a delivery person.

Claim 119 (withdrawn): The order optimization system according to claim 114, wherein a plurality of delivery persons are organized into a virtual delivery team for a plurality of establishments.

Claim 120 (withdrawn): The order optimization system according to claim 114, wherein a plurality of supplemental delivery persons in a hybrid delivery team are used in addition to a plurality of regular delivery persons.

Claim 121 (withdrawn): The order optimization system according to claim 120 where in said plurality of supplemental delivery persons comprise taxi-cab drivers.

Claim 122 (original): An order optimization method, comprising:

- communicating an order from a device to an establishment computer,
- receiving said order,
- assigning resources to said order, and
- commanding the fulfillment of said order.

Claim 123 (withdrawn): The order optimization method according to claim 122, further comprising communicating with a financial institution and processing payment electronically.

Claim 124 (original): The order optimization method according to claim 122, wherein said device communicates with said establishment computer via a network protocol.

Claim 125 (original): The order optimization method according to claim 124, wherein said network protocol is a wireless Ethernet network.

Claim 126 (original): The order optimization method according to claim 124, wherein said network protocol is a telephone network.

Claim 127 (original): The order optimization method according to claim 124, wherein said network protocol is an Internet connected network.

Claim 128 (original): The order optimization method according to claim 122, wherein said device is a kiosk comprising a computer, a display, and a means for receiving input.

Claim 129 (original): The order optimization method according to claim 122, wherein said device is a telephone.

Claim 130 (original): The order optimization method according to claim 129, wherein said telephone is a cellular telephone.

Claim 131 (original): The order optimization method according to claim 129, wherein said telephone communicates with said establishment computer via an interactive voice response system.

Claim 132 (original): The order optimization method according to claim 130, wherein said cellular telephone communicates with said establishment computer via an interactive voice response system.

Claim 133 (original): The order optimization method according to claim 122, wherein said device is a personal digital assistant.

Claim 134 (original): The order optimization method according to claim 122, wherein said device is a personal computer.

Claim 135 (withdrawn): The order optimization method according to claim 122, wherein said method further comprises determining and transmitting information regarding the location of said device.

Claim 136 (withdrawn): The order optimization method according to claim 135, wherein determining device location comprises tracking said device via a global positioning system.

Claim 137 (withdrawn): The order optimization method according to claim 135, wherein said determining device location comprises tracking said device via a satellite-based radio positioning system.

Claim 138 (withdrawn): The order optimization method according to claim 135, wherein said determining device location comprises tracking said device via cellular tower triangulation.

Claim 139 (withdrawn): The order optimization method according to claim 135, wherein said determining device location comprises reading the location of an RF ID tag associated with said device.

Claim 140 (withdrawn): The order optimization method according to claim 135, wherein said method further comprises commanding a notification message.

Claim 141 (original): The order optimization method according to claim 122, wherein receiving said order comprises using a telephony system, wherein said order is input via keypad selections.

Claim 142 (original): The order optimization method according to claim 122, wherein receiving said order comprises using a telephony system, wherein said order is input via audible communication.

Claim 143 (original): The order optimization method according to claim 141, wherein receiving said order comprises identifying a customer placing said order, and said telephony system comprises a memory, and software enabled means for querying said memory for said customer's previous order history and order preferences.

Claim 144 (original): The order optimization method according to claim 143, wherein identifying a customer placing said order comprises an inputted personal identification number.

Claim 145 (original): The order optimization method according to claim 143, wherein identifying a customer placing said order comprises identifying the telephone number being used to access said telephony system.

Claim 146 (original): The order optimization method according to claim 143, wherein receiving said order further comprises offering said customer a preferred order.

Claim 147 (original): The order optimization method according to claim 143, wherein receiving said order further comprises offering said customer a previously ordered order.

Claim 148 (original): The order optimization method according to claim 143, wherein receiving said order further comprises offering said customer a predetermined order associated with said customer.

Claim 149 (original): The order optimization method according to claim 122, wherein receiving said order comprises displaying a series of hierarchal menus on a visual display.

Claim 150 (original): The order optimization method according to claim 122, wherein assigning resources to said order comprises determining the availability of at least one limiting resource necessary to fulfill said order.

Claim 151 (original): The order optimization method according to claim 150, wherein determining the availability of at least one limiting resource necessary to fulfill said order comprises referring to a look-up table comprising information that associates different types of limiting resources with different types of orders.

Claim 152 (original): The order optimization method according to claim 150, wherein assigning resources to said order comprises determining a set of components for said order, and determining the availability of at least one limiting resource necessary to fulfill each of said order components.

Claim 153 (original): The order optimization method according to claim 152, wherein determining the availability of at least one limiting resource necessary to fulfill said order components comprises referring to a look-up table comprising information that associates different types of limiting resources with different order components.

Claim 154 (withdrawn): The order optimization method according to claim 151, wherein assigning resources to said order further comprises matching an order, or component thereof, to a limiting resource.

Claim 155 (withdrawn): The order optimization method according to claim 154, wherein matching an order, or component thereof, to a limiting resource comprises matching an order, or component thereof, to a limiting resource according to optimization rules.

Claim 156 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise assigning an available resource to an earliest placed order in a set of pending orders.

Claim 157 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise minimizing idle time for said limiting resources.

Claim 158 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise maximizing order throughput.

Claim 159 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise minimizing total customer wait time.

Claim 160 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise maximizing establishment employee utilization.

Claim 161 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise maximizing delivery driver utilization.

Claim 162 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise valuing time as a function of time.

Claim 163 (withdrawn): The order optimization method according to claim 155, wherein said optimization rules comprise optimizing service to customers having differing service levels.

Claim 164 (original): The order optimization method according to claim 122, wherein commanding the fulfillment of said order comprises determining a starting time for preparing each order, or component thereof.

Claim 165 (original): The order optimization method according to claim 164, wherein determining a starting time for preparing each order, or component thereof, comprises estimating an arrival time of a customer at an establishment and determining a starting time for preparing each order, or component thereof, such that order completion coincides with said customer's estimated arrival time.

Claim 166 (original): The order optimization method according to claim 164, wherein determining a starting time for preparing each order, or component thereof, comprises estimating an arrival time of a delivery driver at an establishment and determining a starting time for preparing each order, or component thereof, such that order completion coincides with said driver's estimated arrival time.

Claim 167 (original): The order optimization method according to claim 166, wherein estimating an arrival time of said customer comprises tracking said customer's location.

Claim 168 (original): The order optimization method according to claim 166, wherein estimating an arrival time of said customer comprises tracking said customer's location, direction, and speed of travel.

Claim 169 (original): The order optimization method according to claim 166, wherein estimating an arrival time of said delivery driver comprises tracking said delivery driver's location.

Claim 170 (original): The order optimization method according to claim 166, wherein estimating an arrival time of said delivery driver comprises tracking said driver's location, direction, and speed of travel.

Claim 171 (original): The order optimization method according to claim 166, wherein estimating an arrival time of said customer comprises tracking a vehicle on or in which said customer is traveling.

Claim 172 (original): The order optimization method according to claim 171, wherein tracking a vehicle on or in which said customer is traveling comprises tracking said vehicle's location, direction, and speed of travel.

Claim 173 (original): The order optimization method according to claim 171, wherein said vehicle is an airplane and estimating an arrival time of said customer comprises estimating the time spent deplaning and traveling from an arrival gate.

Claim 174 (original): The order optimization method according to claim 166, wherein estimated arrival time is a limiting resource.

Claim 175 (original): The order optimization method according to claim 169, wherein estimated arrival time is a limiting resource.

Claim 176 (original): The order optimization method according to claim 122, wherein commanding the fulfillment of said order comprises determining whether a triggering condition is satisfied.

Claim 177 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a customer's arrival at a predetermined location.

Claim 178 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a delivery driver's arrival at a predetermined location.

Claim 179 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a delivery driver's proximity to a predetermined location.

Claim 180 (original): The order optimization method according to claim 176, wherein commanding the fulfillment of said order comprises notifying the customer when the delivery driver is within a predetermined distance from a predetermined location.

Claim 181 (original): The order optimization method according to claim 176, wherein commanding the fulfillment of said order comprises changing an ON/OFF state of an electrical device.

Claim 182 (original): The order optimization method according to claim 122 wherein commanding the fulfillment of said order comprises sending notification to a device of a delivery driver associated with said order.

Claim 183 (original): The order optimization method according to claim 122, wherein commanding the fulfillment of said order comprises maximizing the productivity of a delivery driver associated with said order.

Claim 184 (original): The order optimization system according to claim 183, wherein maximizing the productivity of a delivery driver associated with said order comprises sending notification of an assigned, an un-assigned and a re-assigned order, to a device of said delivery driver.

Claim 185 (original): The order optimization method according to claim 122, wherein commanding the fulfillment of said order comprises sending a customer a notification upon delivery of said order.

Claim 186 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a time remaining in a sporting event.

Claim 187 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a score in a sporting event.

Claim 188 (original): The order optimization method according to claim 176, wherein said triggering condition comprises an event in a sporting event.

Claim 189 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a completion of the preparation of all of the meals assigned to a particular delivery driver's delivery run.

Claim 190 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a time remaining in a televised event.

Claim 191 (original): The order optimization method according to claim 176, wherein said triggering condition comprises a time remaining in a live event.

Claim 192 (original): The order optimization method according to claim 186, wherein said time remaining in a sporting event is determined from a plurality of game specific and historical game data.

Claim 193 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises a telephone call to a designated telephone number.

Claim 194 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises a telephone page to a designated pager.

Claim 195 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises an e-mail message to a designated e-mail address.

Claim 196 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises an instant message to a designated computer address.

Claim 197 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises a print out.

Claim 198 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises sounding an alarm on a personal digital assistant.

Claim 199 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises vibration on a personal digital assistant.

Claim 200 (withdrawn): The order optimization method according to claim 140, wherein said notification message comprises a visual display.

Claim 201 (withdrawn): The order optimization method according to claim 140, wherein commanding a notification message comprises referencing a notification database, wherein a specific notification method can be stored for a specific customer.

Claim 202 (withdrawn): The order optimization method according to claim 140, wherein said commanding a notification message comprises referencing a notification database, wherein a specific notification method can be stored for a specific establishment employee.

Claim 203 (withdrawn): The order optimization method according to claim 140, wherein commanding a notification message comprises referencing a notification database, wherein a specific notification method can be stored for establishment employees based on job function.

Claim 204 (withdrawn): The order optimization method according to claim 140, wherein commanding a notification message comprises determining when a specific notification message should be sent.

Claim 205 (withdrawn): The order optimization method according to claim 140, wherein commanding a notification message comprises determining a customer's distance from a specified location and commanding said notification message based on an expected travel time to said specified location.

Claim 206 (withdrawn): The order optimization method according to claim 122, further comprising limiting the usage of a limiting resource.

Claim 207 (withdrawn): The order optimization method according to claim 206, wherein said limiting the usage of a limiting resource comprises charging a customer for the use of said limiting resource.

Claim 208 (withdrawn): The order optimization method according to claim 207, wherein charging a customer for the use of said limiting resource comprises determining an amount of time said customer uses said limiting resource and charging said customer based on said amount of time said customer uses said limiting resource.

Claim 209 (withdrawn): The order optimization method according to claim 208, wherein determining said amount of time comprises entering manually a start time and a stop time.

Claim 210 (withdrawn): The order optimization method according to claim 208, wherein said determining said amount of time comprises sensing the use of said limiting resource.

Claim 211 (withdrawn): The order optimization method according to claim 208, further comprising displaying said amount of time to said customer.

Claim 212 (withdrawn): The order optimization method according to claim 122, further comprising tracking implements used to prepare said order.

Claim 213 (withdrawn): The order optimization method according to claim 212, wherein said tracking implements used to prepare said order comprises:

- establishing a unique identifier for each implement,
- reading said unique identifiers, and
- associating an implement with said order.

Claim 214 (withdrawn): The order optimization method according to claim 213, wherein tracking implements used to prepare said order further comprises evaluating the order fulfillment process.

Claim 215 (withdrawn): The order optimization method according to claim 213, wherein tracking implements used to prepare said order further comprises tracking a customer's use of said implements.

Claim 216 (withdrawn): The order optimization method according to claim 213, wherein tracking implements used to prepare said order further comprises displaying an order fulfillment status.

Claim 217 (withdrawn): The order optimization method according to claim 216, wherein tracking implements used to prepare said order further comprises:

- displaying available order change options, and
- allowing said customer to change said order.

Claim 218 (withdrawn): The order optimization method according to claim 216, wherein said order is intended for delivery to a customer, said method further comprising:

- tracking the location of at least one delivery person,
- predicting the when a delivery person will be available to pick up said order, and
- assigning said order to a delivery person.

Claim 219 (withdrawn): The order optimization method according to claim 218, wherein said system further comprises means for scheduling completion of said order to coincide with a delivery person's availability.

Claim 220 (withdrawn): The order optimization method according to claim 218, wherein said method further comprises notifying said delivery person of assignments.

Claim 221 (withdrawn): The order optimization method according to claim 220, wherein said method further comprises notifying said delivery person of delivery instructions.

Claim 222 (withdrawn): The order optimization method according to claim 218, wherein system further comprises monitoring the safety of a delivery person.

Claim 223 (withdrawn): The order optimization method according to claim 218, wherein a plurality of delivery persons are organized into a virtual delivery team for a plurality of establishments

Claim 224 (withdrawn): The order optimization method according to claim 218, wherein a plurality of supplemental delivery persons in a hybrid delivery team are used in addition to a plurality of regular delivery persons.

Claim 225 (withdrawn): The order optimization method according to claim 224 where in said plurality of supplemental delivery persons comprise taxi-cab drivers.